

Fig. 1

[88.0% / 935 aa]

1' MQNSAMKPWLDSWLAGANQSYIEQLYEDFLTPDSDAVWRSMFQQLPGTGKPEQFHS
 1" MQNSALKAWLDSSYLSGANQSWIEQLYEDFLTPDSDANWRSTFQQLPGTGKPDQFHS
 61' ATREYFRRLAKDASRYTSVTPATNSKQVKVLQLINAFRFRGHQEANLDPLGLWKQDRV
 61" QTREYFRRLAKDASRYSTISDPOTNVKQVKVLQLINAYRFRGHQHANLDPLGLWQDKV
 121' AOLDPAFHOLDADFQESFNVGSFAIGKETMKLADLFDALKQTYCGSIGAEYMHINNTTE
 121" AOLDPSFHOLDTEADFQETFNVGSFASGKETMKLGELLEALKQTYCGPIGAEYMHITSTEE
 181' KRWIQQRIESGASQTSFSGEEKGFLKELTAAEGLEKYLGAKFPGAKRFSLEGGDALVPM
 181" KRWIQQRIESG--RATFNSEEKKRFLSELTAAEGLERYLGAKFPGAKRFSLEGGDALIPM
 241' LREMIRHAGKSGTREVVLGMAHRGRLNVLINVLGKKPQDLDFEFGKHKEHLGTGDVKYH
 239" LKEMIRHAGNSGTREVVLGMAHRGRLNVLVNVLGKKPQDLDFEFAGKHKEHLGTGDVKYH
 301' MGFSSDIETEGGLVHLALAFNPShLEIVSPVVMGsvRARLDRlaEPVSNKVLPItIHGOA
 299" MGFSSDFQTDGGLVHLALAFNPShLEIVSPVVIgsvRARLDRlDEPSSNKVLPItIHGOA
 361' AVIGQGVVQETLNMsqARGyEvGGTVRIVINNqVgFTTsnPKDARSTpyCTDiGKMVLAP
 359" AVTGGQGVVQETLNMskARGyEvGGTVRIVINNqVgFTTsnPLDARSTpyCTDiGKMVQAP
 421' IFHVNADDPEAVAFVTRLALDYRNTFKRDVFIDLVCYRRHGHNEADEPSATQPLMYQIK
 419" IFHVNADDPEAVAFVTRLALDFRNTFKRDVFIDLVSYRRHGHNEADEPSATQPLMYQIK
 481' KHPTPRKIYADRLEGEgVASQEDATEmVnLYRDALDAGECVPEWRPMSLHSFTWSPYLN
 479" KHPTPRKIYADKLEqEKVATLEDATEmVnLYRDALDAGDCVVAEWRPMNMHSFTWSPYLN
 541' HEWDEPYPAQVMKRLKELALRISQVPEQIEVQSRVAKIYNDRKLMAEGEKAFDWGGAEN
 539" HEWDEEYPNKVEMKRLQELAKRISTVPEAVEMQSRVAKIYGDRQAMAAGEKLFOWGGAEN
 601' LAYATLVDEGIPVRLSGEDSGRGTFFHRHAVVHNQANGSTYTPLHHIHNSQGEFKVWDSV
 599" LAYATLVDEGIPVRLSGEDSGRGTFFHRHAVIHNSQNGSTYTPLQHINHNGCAFrvWDSV
 661' LSEEAVLAFeyGYATAEPRLTIWEAQFGDFANGAQVVIDQFISSGEQKWGRMCGLVMLL
 659" LSEEAVLAFeyGYATAEPRLTIWEAQFGDFANGAQVVIDQFISSGEQKWGRMCGLVMLL
 721' PHGYEGQGPEHSSARLERYLQLCAEQNMQVCVPSTPAQVYHMLRRQALRGMRPLVVMSP
 719" PHGYEGQGPEHSSARLERYLQLCAEQNMQVCVPSTPAQVYHMLRRQALRGMRPLVVMSP
 781' KSLLRHPLAISSLDELANGSFQPAIGEIDDLDPQGVKRVVLCsgKVYYDLLEQRRKDEKT
 779" KSLLRHPLAVSSLEELANGTFLPAIGEIDELDPKGVKRVVMCSgKVYYDLLEQRRKNNQH
 841' DVAIVRIEQLYPFHQAVQEALKAYSHVQDFVWCQEEPLNQAWYCSQHhFROVVPFGAT
 839" DVAIVRIEQLYPPhKAMQEVlQQFAHVKDFVWCQEEPLNQAWYCSQHhFREVIPFGAS
 901' LRYAGRPASASPavGYMSVhQKQQQLVNDALNVN
 899" LRYAGRPASASPavGYMSVhQKQQQLVNDALNVE

Fig. 2

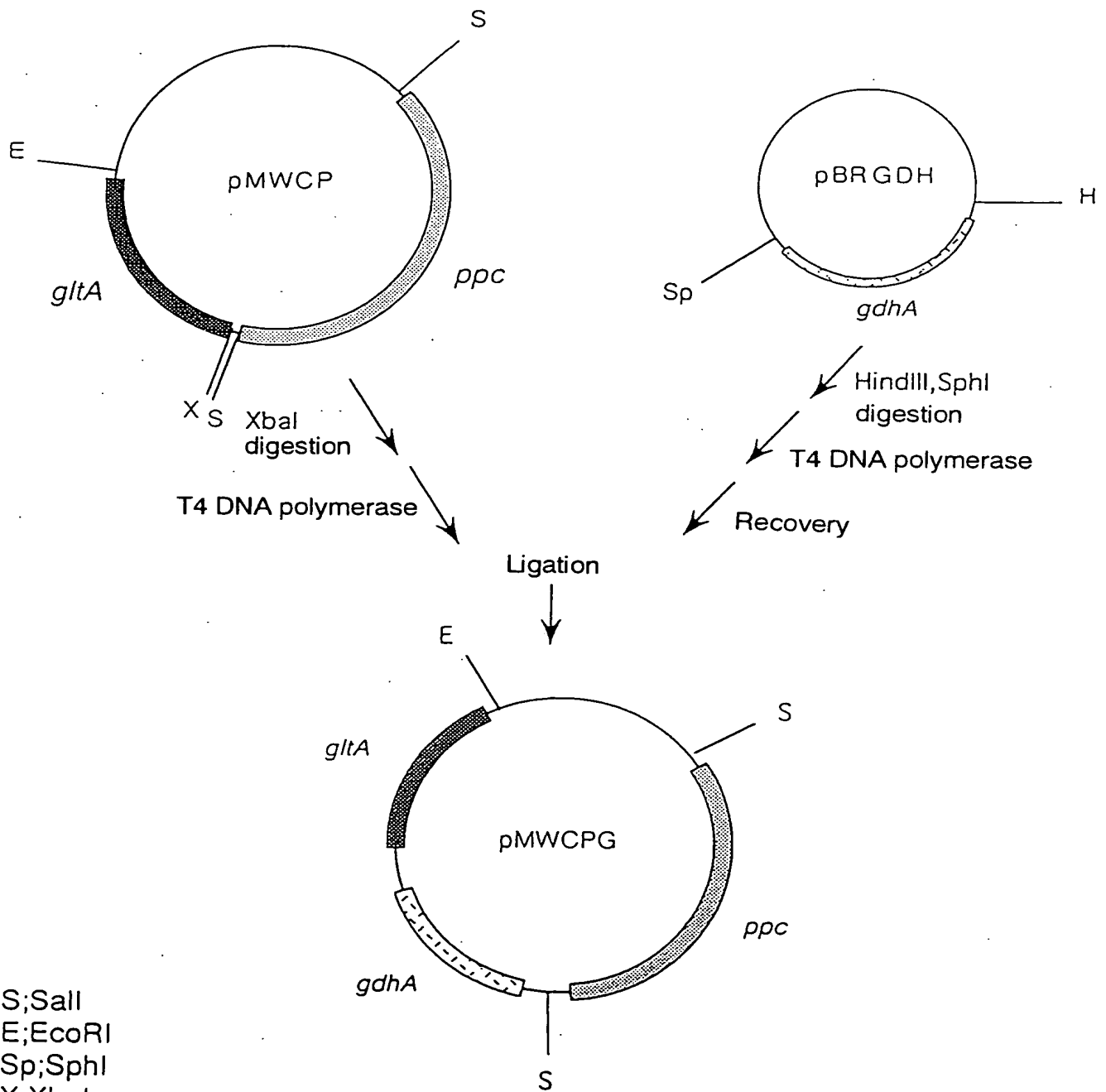
Fig. 3

1' MNLHEYQAKQLFARYGMPAPTGYACTTPREAEAAASKIGAG
.....
1' MNLHEYQAKQLFARYGLPAPVGYACTTPREAEAAASKIGAGPMVVVKOVHAGGRGKAGGV

Fig. 4

1' AFSVFRCHSIMNCVSVCPKGLNPTRAIGHIKSMLLQRS
.....
181' FLIDSRQTETDSRLGLSDAFSVFRCHSIMNCVSVCPKGLNPTRAIGHIKSMLLQRNA

Fig. 5



S;Sall
 E;EcoRI
 Sp;SphI
 X;XbaI
 H;HindIII

Fig. 6

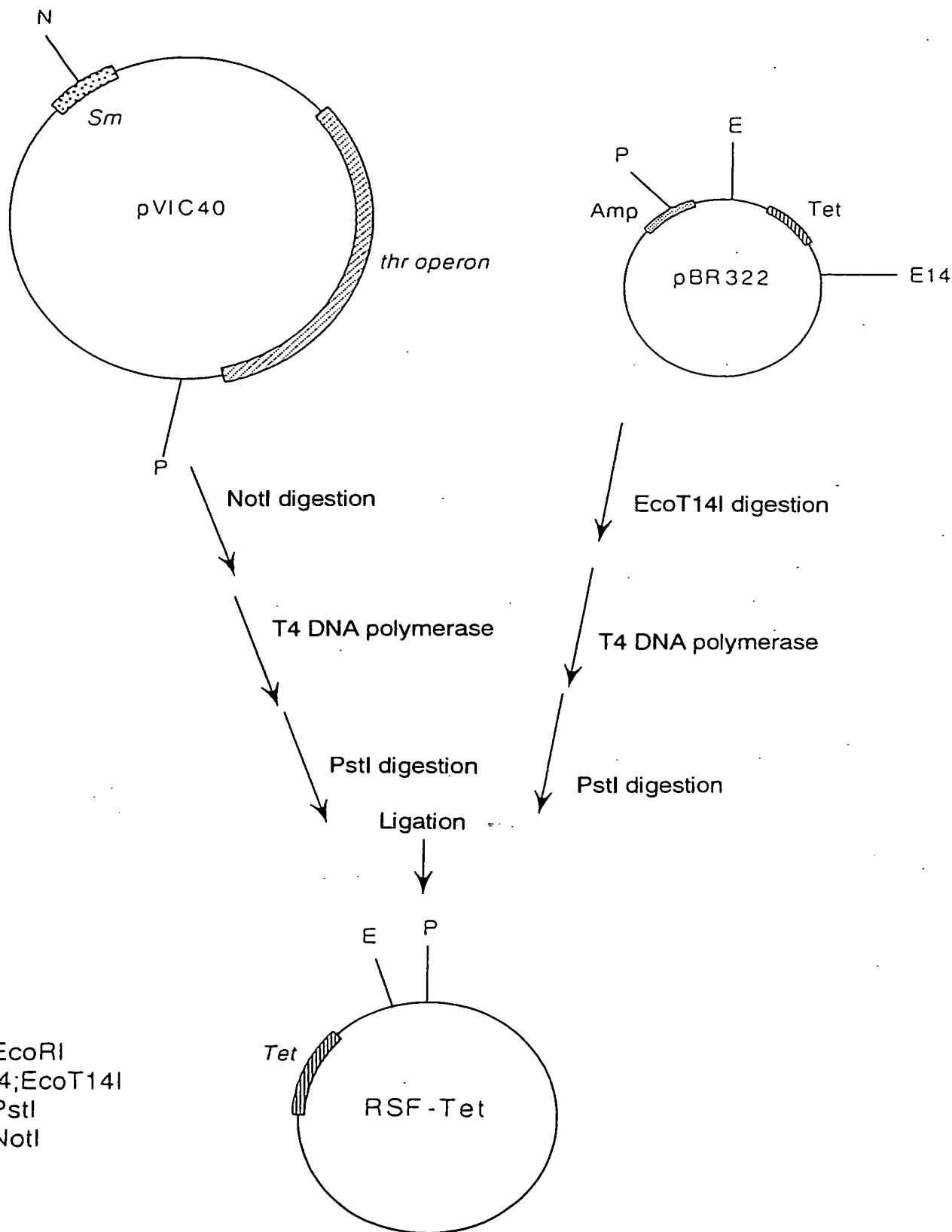
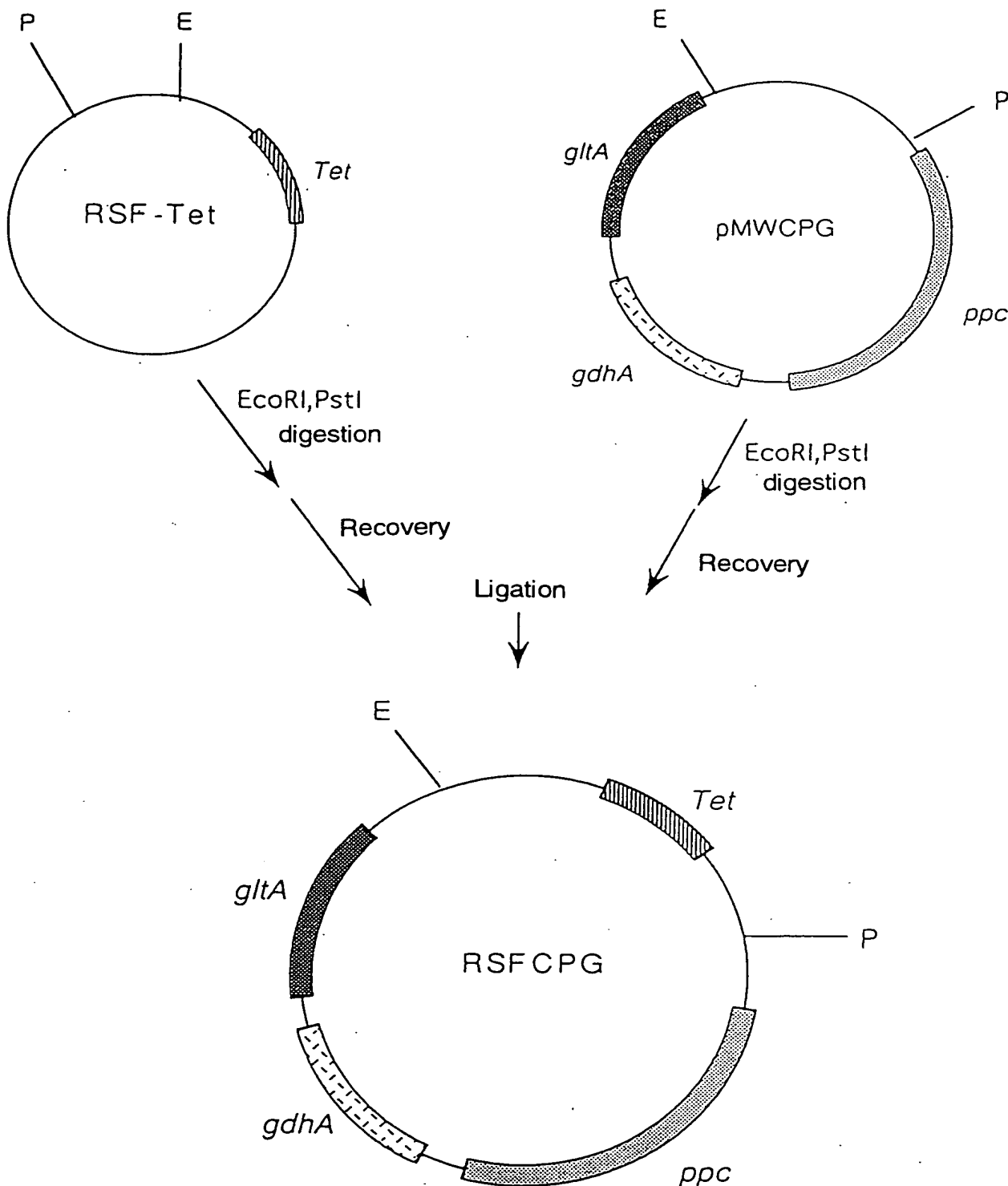


Fig. 7



E;EcoRI
P;PstI

Fig. 8

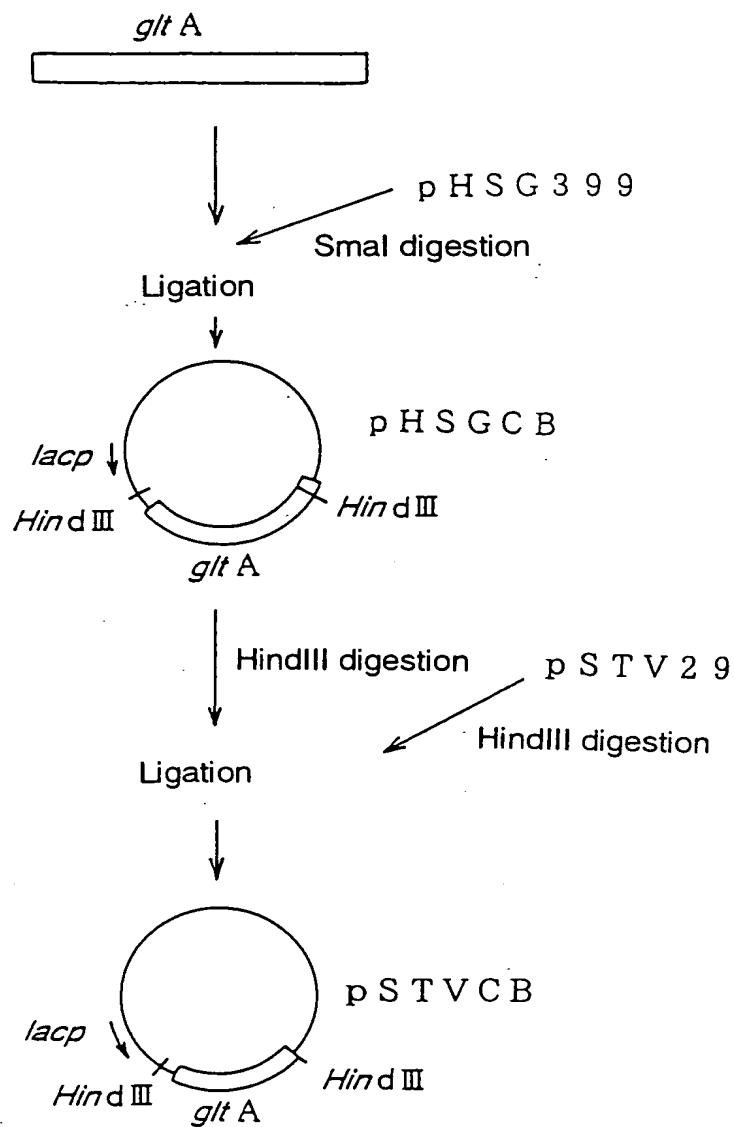


Fig. 9